

Notice of Allowability	Application No.	Applicant(s)	
	09/746,362	GREEN ET AL	
	Examiner	Art Unit	
	CHAMELI C DAS	2122	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the reconsideration filed on 9/13/04.
2. ☒ The allowed claim(s) is/are 1-9, 11-14 (the newly numbered claims are 1-13).
3. ☒ The drawings filed on 22 March 2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|---|
| <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date <u>11/12/04</u> . 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____. |
|--|---|

1. This action is in response to the reconsideration filed on 9/13/04.
2. In view of applicant's argument the rejections for claims 1-9, and 11-14 made in the previous office action has been withdrawn.
3. Claim 10 has been canceled.
4. Claims 1-9 and 11-14 have been allowed.

EXAMINER'S AMENDMENT

5. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Buckert, applicant's attorney on 11/10/04.

The application has been amended as follows:

(1) In the specification, the Abstract has been replaced by the following new Abstract.

-- A system and method for developing a software application for manipulating data associated with an asset are provided. The system includes at least one processing unit. The system further includes at least one memory store operatively connected to the processing unit. The system further includes an extensible N-tier software resident in and executable within the at least one processing unit, wherein N corresponds to a positive integer value. The system further includes an inventory of software components resident in the memory store wherein a plurality

of tiers are generated from the inventory of a software components using the N-tier software, each tier being associated with at least one other tier, and each tier comprising a plurality of software components and performing a predetermined function relating to an asset. --

(2) In the specification,

On page 1, line 12, the first blank space has been replaced by

-- 09/746,155 --.

On page 1, line 12, the second blank space has been replaced by

-- December 22, 2000 --.

On page 1, line 13 the blank space has been replaced by

-- EL675616662US --.

On page 1, line 17, the blank space has been replaced by --09/746,362 --.

On page 1, line 18, the first blank space has been replaced by

-- December 22, 2000--.

On page 1, line 18, the second blank space has been replaced by

-- EL675616645US --.

On page 5, line 11, the blank space has been replaced by -- 09/746,155 --.

On page 5, line 12, the blank space has been replaced by

-- December 22, 2000 --.

On page 5, line 13, the blank space has been replaced by

-- EL675616662US --.

On page 5, line 17, the blank space has been replaced by -- 09/746,362 --.

On page 5, line 18, the first blank space has been replaced by

-- December 22, 2000 --.

On page 5, line 18, the second blank space has been replaced by

--EL675616645US--.

On page 6, line 2, the blank space has been replaced by -- 09/746,155 --.

On page 6, line 3, the blank space has been replaced by -- 09/746,362 --.

On page 12, line 7, the blank space has been replaced by -- 09/746,155 --.

On page 28, line 17, the blank space has been replaced by -- 09/746,157 --.

(3) In the claims:

In claim 1, line 7, after “processing unit;” -- wherein N corresponds to a positive integer value;-- has been inserted.

In claim 1, line 17, after “processing unit”, a -- . -- has been inserted at the end of the last sentence.

In claim 5, line 32, after “assets”, a -- . -- has been inserted at the end of the last sentence.

REASON FOR ALLOWANCE

6. The following is an examiner’s statement of reason for allowance:

The cited prior art taken alone or in combination fail to teach, in combination with the other claimed limitations, a system for developing a software application for manipulating data associated with an asset comprising: an inventory of software components resident in the memory store wherein a plurality of tiers are generated from the inventory of software

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components using the N-tier software, wherein N corresponds to a positive integer value; each tier being associated with at least one other tier, and each tier comprising a plurality of software components and performing a predetermined function relating to an asset, each software component comprising a software object, as recited in the independent claims 1, 5 and 11.

Conclusion

7. The prior art made or record and not relied upon is considered pertinent to applicant's disclosure.

TITLE: Mechanism for automatically establishing connections between executable components of a hypertext-based application, US 6272673 B1

TITLE: Database application development system with improved methods for distributing and executing objects across multiple tiers, US 6006230 A

TITLE: Software Isn't Built from Lego Blocks, author: Ran, ACM, 1999.

TITLE: Framework for Component-Based Client/Server Computing, author: Lewandowski, ACM, 1998.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chameli Das whose telephone number is 571-272-2696.

The examiner can normally be reached on Monday-Friday from 7:00 A.M. to 3:30 P.M.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor Tuan Dam can be reached at 571-272-2695. The fax number for this group is (703) 872-9306.

An inquiry of general nature or relating to the status of this application or proceeding should be directed to the group receptionist whose telephone number is 703-305-9600.

Chameli C. Das
CHAMELI C. DAS
PRIMARY EXAMINER

11/12/09

CHAMELI C. DAS
PRIMARY EXAMINER